

Genie™ 2000

Read Me First

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Notes

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If your system was configured at the factory, go directly to “Starting Genie 2000” on page 2.

Release Notes Files

During installation of Genie™ 2000 software and its options, a Release Notes file is copied to the GENIE2K directory on your hard disk. You should always read this ASCII file (which has a general file name of G2K*.TXT) to learn what new features have been added.

Installing Genie 2000

Step-by-step software installation instructions are provided in the *Software Installation* appendix of the *Genie 2000 Operations Manual*.

- To install Windows® on your computer, go to “Installing Windows”
- To install the Genie 2000 program, go to “Installing Genie Software”.
- To add Genie 2000 options, read “Installing Optional Software”.
- In either case, be sure to read “Completing the Installation”.
- If Genie 2000 is to be run over a network, see “Installing TCP/IP Network Components”.

Operating System Requirements

Successful installation and operation of Genie 2000 software requires, at a minimum, one of the following operating systems.

- Windows XP, or
- Windows 2000, Service Pack 3, or
- Windows NT® V4.0, Service Pack 6A.

Note: Internet Explorer V6 or above is required for all operating systems.

Installing Drivers

Still in the *Software Installation* appendix, you may need to consider:

- The section on “Installing AIM Device Drivers”.
- The section on “Installing the USB Driver”.

Installing the Security Key

To run Genie 2000, the security key supplied with the Genie 2000 software must be connected to either a USB port or a parallel port. The Models S500 and S502 Genie 2000 software will not operate without this key.

Most parallel devices will operate normally if they're plugged into the back of the parallel port's security key.

Windows XP

Windows XP provides additional flexibility, allowing users additional desktop customization tools. Canberra has tested various configuration of themes but recommends the classic theme to operate Genie-2000 for best performance and for optimum data display.

Windows XP allows you to “switch” users without logging off. This feature *must* not be used. Canberra recommends disabling this feature via the Administrators Control Panel. Unreliable operation *will* occur if multiple instances of certain Genie-2000 programs are active.

Windows XP additional security features prohibit software installed by different users in non-system directories to be shared between users. This must be disabled prior to the installation of Genie-2000.

System Power Options

All supported Windows operating systems provide the ability to put your computer in a “sleep” state when it's not being used.



CAUTION System Standby in your computer's Power Options should be set to “Never”.

Allowing your computer to power down during Genie 2000 operation will cause unreliable communications with the Genie VDM and cause undesirable results.

Starting Genie 2000

There are several ways to start Genie 2000:

- Click on the shortcut created in “Creating a Shortcut to Genie 2000” (directions are in the *Software Installation* appendix).
- Choose **Start | Programs | GENIE-2000 | “your program”**, where “your program” might be Gamma Acquisition and Analysis.
- In a Command Line window

- For Gamma Acquisition and Analysis type
MVCG.exe
- For Alpha Acquisition and Analysis type
MVCA.exe
- You can automatically open a datasource (CNF) file at the same time.
For instance...
MVCG.exe C:\GENIE2K\CAMFILES\Nbsstd.cnf

Genie 2000 Documentation

In addition to the bound hardcopy manuals supplied with the software, many other manuals are supplied as PDF files on your Genie 2000 CD-ROM. If you selected the “Install Documentation” option during software installation, the PDFs will also be found in the C:\GENIE2K\pdfs\docs folder on your computer.

The Genie 2000 Operations Manual

The *Genie 2000 Operations Manual* contains the user’s manuals for three related programs, each separated by a blue divider.

- **Part 1** – The Genie 2000 Operations Manual
- **Part 2** – Model S505 QA Software User's Manual
- **Part 3** – Model S506 Interactive Peak Fit User's Manual
- **Part 4** – Model S509 Alpha Analysis User's Manual

The Genie 2000 Customization Tools Manual

The Genie 2000 Customization Tools Manual is a repository for technical information not referred to on a daily basis, such as CAM file parameters, Genie algorithms and error messages.

Current Canberra MCAs

Setup and operating instructions for all of Canberra’s current MCAs will be found in each MCA’s User’s Manual.

For AIM MCAs, refer to the *Model 556A Acquisition Interface Module User's Manual*.

The MCALink Manual

For the MCALink program, refer to the *MCALink User's Manual.pdf* file on your Genie 2000 CD-ROM.

Older Canberra MCAs

For System 100 and AccuSpec MCAs, refer to the *Historical Canberra MCAs.pdf* file on your Genie 2000 CD-ROM.

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